

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 7:04 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 1080 Const Calendar Day: 653 Date: 19-Mar-2014 Wednesday

Inspector Name: Brignano, Bob Title: Transportation Engineer

Inspection Type:

Shift Hours: Break: Over Time:

Federal ID:

Location:

Reviewer: Schmitt, Alex Approved Date: Status: Submit

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather**

Temperature	7 AM	12 PM	4 PM
Precipitation			Condition clear

Working Day ☒ If no, explain:**Diary:**

Dispute

General Comments

CCO 314, SAMPLING AND TESTING A354 GRADE BD MATERIAL:

ABF Engineer Kelvin Chen is working in the office today, but not on CCO 314.

There is no work in the field on this operation today by ABF, but there is work by VGO. Work on setup of the Townsend Test (Test IV) test rigs for TR's 12 and 13 is ongoing.

VGO traveled to the Bay Area yesterday from Oregon. They arrive on site today at 0700. This is the start of VGO's field work on phase 3 of the Townsend Test (Test IV). On site today from VGO are Dave Van Dyke, Rob Rutledge, and Pamela Wallace. At 0700, I go over some of the details for this phase of the testing with VGO. The first part of VGO's day is setting their trailer, connecting to power from the ABF trailer (run power cords used previously for earlier phases of the test program), and shaking out their equipment and materials in the towed trailer and a toolbox (that was in the back of the pickup truck). Approximately 1030, VGO and I measure to determine the appropriate location for the strain gauges on the rods so that they will not hit the test rig diaphragm between the wet chamber and dry chamber when the rod is inserted into the test rig with extra stickout for the operation to paint the coupler and portion of the jacking rod. Then, approximately 1045, VGO starts the prep work for the installation of the strain gauges on the jacking rods. The locations for the strain gauges on the TR's 12 & 13 jacking rods are the same as the previous locations on these used TR's 9 & 10 jacking rods. As a result, the rough steel surface had already been ground smooth, but rust still needs to be removed from these locations. This prep work is complete by about 1330, but strain gauge installation does not start because it is too late in the day to get to an appropriate stop point on the strain gauge installation. VGO's lunch is approximately 1100 to 1200. VGO leaves the site at approximately 1400, but they are still working a full shift on CCO 314 because of the need to shop for various supplies.

A generator – Whisperwatt 7000 – ABF ID 002343 is on idle/standby at the work area and is not used today. Another generator – Whisperwatt 7000 – ABF ID 002341 is on idle/standby at the work area and is not used today. An oxyacetylene torch is on idle/standby at the work area and is not used today. A compressor – IR P185R ABF ID 002078 is on idle/standby at the work area and is not used today. A welding machine – Lincoln Electric Vantage 500 ABF ID 000073 is on idle/standby at the work area and is not used today.

Note that there is k-rail at this work area. Some of the k-rail is rented and addressed by the rental agreement. Some of the k-rail is ABF's k-rail used on site and paid as rented from ABF on a daily basis. To elevate the k-rail, crane mats and timber blocking (12x12's) are in use. The k-rail quantities are as follows:



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Wednesday

10' bought k-rail = 20 pieces

10' ABF k-rail = 4 pieces

20' rented k-rail = 16 pieces

20' ABF k-rail = 19 pieces

Note that this includes three 20' ABF k-rail between the CCO 314 work area and FW Spencer's yard, with that k-rail being in place prior to the CCO work and not related to CCO 314.

The agreed extra work with ABF is as follows:

k-rail: 16 pcs @20' and 4 pcs @10'

Crane Mats (12x12 - 5'x16') - 4 pcs

Crane Mats (12x12 - 5'x7') - 2 pcs

Crane Mats (12x12 - 5'x8') - 11 pcs

See the attached Extra Work Order - Signed with ABF for CCO 314 work

Also today between 1330 and 1500, I meet with CT-METS Rami Boundouki and Conrad Christensen regarding the DJV's request to sample zinc oxide (white rust) from TR 5-11 components. The meeting is to examine the components from which material will be sampled, including the TR 6 and 7 rods currently located in the warehouse. We visit the warehouse to examine those components.

INSPECTOR OT REMARK:

Office 2 hours: Late in the day, I am continuing some of the regular shift work on reviewing CCO 314 extra work bills due tomorrow. ABF's shift is 0700 to 1530. My shift is 0700 to 1730, and my OT hours are 1530 to 1730.